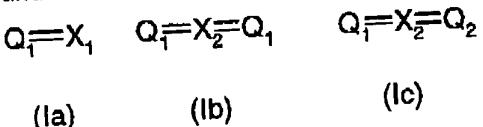


Please amend the above-identified patent application, without prejudice, as follows:

**IN THE CLAIMS:**

Amend claim 1 by replacement as follows:

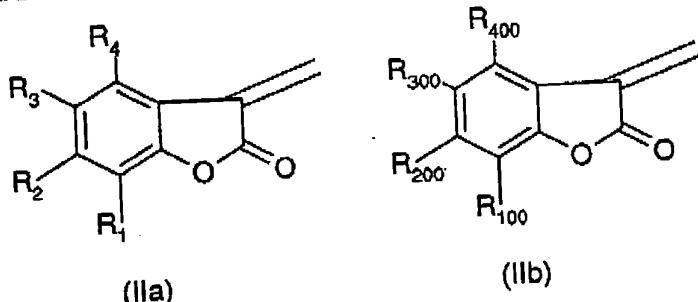
1. (Twice Amended) A compound of the formula (Ia), (Ib) or (Ic)



in which

$\text{Q}_1$  is a benzofuran-2-one of the formula (IIa), and

$\Omega$  is a benzofuran-2-one of the formula (IIIb)



in which

in which R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>100</sub>, R<sub>200</sub>, R<sub>300</sub> or R<sub>400</sub> independently of one another are hydrogen, halogen, hydroxyl, cyano, ether, nitro, an amine, amide, imine, urethane, sulfonamide, ester, carboxylic acid or sulfonic acid radical or carboxylic salt, sulfonic salt or C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>24</sub>alkoxy, C<sub>1</sub>-C<sub>24</sub>alkylthio, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkoxy, C<sub>5</sub>-C<sub>12</sub>cycloalkylthio, C<sub>2</sub>-C<sub>24</sub>alkenyl, C<sub>5</sub>-C<sub>24</sub>aryl, C<sub>7</sub>-C<sub>25</sub>aralkyl, C<sub>6</sub>-C<sub>24</sub>aryloxy, C<sub>6</sub>-C<sub>24</sub>arylthio, thieryl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiinyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl, O-thienyl, O-benzo[b]thienyl, O-isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl, O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiinyl, O-pyrrolyl, O-arynyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiinyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizinyl, O-isoindolyl, O-indolyl, O-indazolyl, O-purinyl, O-quinolizinyl, O-quinolyl, O-isoquinolyl, O-

09/518,464

- 2 -

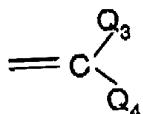
PI /2-21988/A

phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quiazolinyl, O-cinnolinyl, O-pteridinyl, O-carbazolyl, O-carbolinyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-purimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenoxythiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl, S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-phenoxythienyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, 2H-pyranyl, S-benzofuranyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quiazolinyl, S-cinnolinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinolizinyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quiazolinyl, S-cinnolinyl, S-pteridinyl, S-carbazolyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenoxythiazinyl, S-isoxazolyl, furazanyl or S-phenoxazinyl,

or

$R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ ,  $R_3$  and  $R_4$  or  $R_{100}$  and  $R_{200}$ , or  $R_{200}$  and  $R_{300}$ ,  $R_{300}$  and  $R_{400}$ , independently of one another in each case together are divalent radicals, such as polycyclic radicals or 1,3-butadien-1,4-ylene or -CH=CH-NH-, the two last radicals forming an additional fused-on 5- or 6-membered ring, and

$X_1$  is a hydrazone or imine radical, with the proviso that, if  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are hydrogen, or at least one  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is methyl, the hydrazone radical is excluded, or, if  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is hydrogen,  $X_1$  is not phenylimine- or 4-dimethylamine-phenylimine, or  $X_1$  is a methylene radical,



in which

$Q_3$  is a primary or secondary amine radical and  $Q_4$  is hydrogen or  $C_1-C_{24}$ alkyl, -CO-( $C_1-C_{24}$ alkyl), -CO-O-( $C_1-C_{24}$ alkyl),  $C_1-C_{24}$ alkoxy,  $C_1-C_{24}$ alkylthio,  $C_5-C_{12}$ cycloalkyl,  $C_5-C_{12}$ cycloalkoxy,  $C_5-C_{12}$ cycloalkylthio,  $C_2-C_{24}$ alkenyl,  $C_6-C_{24}$ aryl, -CO-O-( $C_6-C_{24}$ aryl), -CO-( $C_6-C_{24}$ aryl),  $C_6-C_{24}$ aryloxy, a primary or secondary amine radical,  $C_6-C_{12}$ arylthio,  $C_7-C_{25}$ aralkyl, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythienyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxaliny, quiazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl,

C  
 phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thi- nyl, O- benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O- benzofuranyl, O-isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O- phenoxythiinyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O- pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizinyl, O-isoindolyl, O-indolyl, O-indazolyl, O- purinyl, O-quinolizinyl, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O- quinoxalinyl, O-quinazolinyl, O-cinnolinyl, O-pteridinyl, O-carbazolyl, O-carbolinyl, O- benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-oxazolyl, O-furazanyl or O-phenoxazinyl S- thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S- benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S- phenoxythiinyl, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S- pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinolizinyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxalinyl, S- cinnolinyl, S-pteridinyl, S-carbazolyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazo- quinazolinyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-oxazolyl, S-furazanyl or S-phenoxazinyl,

or

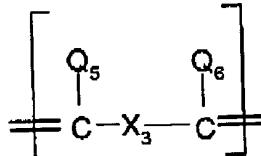
$Q_3$  and  $Q_4$  together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical,

with the proviso that

$Q_4$  is not hydrogen and  $Q_3$  is not a primary or secondary amine radical if  $R_3$  is hydrogen, methoxy or hydroxyl and  $R_1$ ,  $R_2$  and  $R_4$  are hydrogen,

and

$X_2$  is thienyl, furyl, 2H-pyranyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, triazinyl, pyrazinyl, pyridazinyl, morpholin, piperidyl, piperazinyl, or is



in which

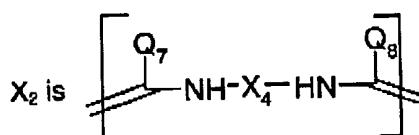
$X_3$  is a single bond,  $C_6$ - $C_{24}$ arylene, thienylene, benzo[b]thienylene, dibenzo[b,d]thienylene, thianthrenylene, furylene, furfurylene, 2H-pyranylene, benzofuranylene, isobenzofuranylene, di- benzofuranylene, phenoxythiinylene, pyrrolylene, imidazolylene, pyrazolylene, pyridylene, bipyridylene,

b) nzmimidazolylen, benzothiazolylen, triazinylene, pyrimidinylene, pyrazinylene, pyridazinylene, indolizinylene, isoindolylene, indolylene, indazolylen, purinylene, quinolizinylene, quinolylen, isoquinolylene, phthalazinylene, naphthyridinylene, quinoxalinylene, quinazolinylene, cinnolinylene, pteridinylene, carbazolylene, carbolinylene, benzotriazolylene, benzoxazolylene, phenanthridinylene, acridinylene, perimidinylene, phenanthrolinylene, phenazinylene, isothiazolylene, phenothiazinylene, isoxazolylene, furazanylene or phenoxazinylene 1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene, or a tetravalent polyether, polyimine, polyamine radical, or bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylene, bipyrrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylene, and anthraquinoylfuranoylen, C<sub>2</sub>-C<sub>24</sub>alkenylene, in which bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylene, bipyrrrolylen, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylene, and anthraquinoylfuranoylen or C<sub>2</sub>-C<sub>24</sub>alkenylene are optionally interrupted by one or more intermediate units selected from the group consisting of -CH=CH-, -CH=N-, -N=N-, -CR<sub>44</sub>R<sub>42</sub>-, -CO-, -COO-, -OCO-, -NR<sub>42</sub>CO-, -CONR<sub>42</sub>-, -O-, -S-, -SO-, -SO<sub>2</sub>- or -NR<sub>42</sub><sup>+</sup>, in which R<sub>42</sub> and R<sub>44</sub> independently of one another are hydrogen, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>2</sub>-C<sub>24</sub>alkenyl, C<sub>6</sub>-C<sub>24</sub>aryl, C<sub>7</sub>-C<sub>25</sub>aralkyl or thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiinyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl,

isoxazolyl, furazanyl or phenoxazinyl,  
with the proviso that if R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>100</sub>, R<sub>200</sub>, R<sub>300</sub>, R<sub>400</sub> are all tert-butyl or all hydrogen, Q<sub>5</sub> and Q<sub>6</sub> are hydrogen, X<sub>3</sub> is not 1,4-phenylene, and  
Q<sub>5</sub> and Q<sub>6</sub> independently of one another are hydrogen, C<sub>6</sub>-C<sub>24</sub>aryl, C<sub>6</sub>-C<sub>24</sub>aryloxy, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>24</sub>alkoxy, C<sub>1</sub>-C<sub>24</sub>alkylthio, C<sub>5</sub>-C<sub>12</sub>cycloalkyl, C<sub>5</sub>-C<sub>12</sub>cycloalkoxy, C<sub>5</sub>-C<sub>12</sub>cycloalkylthio, C<sub>2</sub>-C<sub>24</sub>alkenyl, C<sub>6</sub>-furyl, C<sub>6</sub>-C<sub>24</sub>aryloxy, C<sub>6</sub>-C<sub>24</sub>arylthio, thienyl, benzo[b]thienyl, dibenzo[b,d]thienyl, thianthrenyl, furyl, furfuryl, 2H-pyranyl, benzofuranyl, isobenzofuranyl, benzimidazolyl, benzothiazolyl, dibenzofuranyl, phenoxythiinyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, bipyridyl, triazinyl, pyrimidinyl, pyrazinyl, pyridazinyl, indolizinyl, isoindolyl, indolyl, indazolyl, purinyl, quinolizinyl, quinolyl, isoquinolyl, phthalazinyl, naphthyridinyl, quinoxalinyl, quinazolinyl, cinnolinyl, pteridinyl, carbazolyl, carbolinyl, benzotriazolyl, benzoxazolyl, phenanthridinyl, acridinyl, perimidinyl, phenanthrolinyl, phenazinyl, isothiazolyl, phenothiazinyl, isoxazolyl, furazanyl or phenoxazinyl O-thienyl, O-benzo[b]thienyl, O-dibenzo[b,d]thienyl, O-thianthrenyl, O-furyl, O-furfuryl, O-2H-pyranyl, O-benzofuranyl, O-

C | isobenzofuranyl, O-benzimidazolyl, O-benzothiazolyl, O-dibenzofuranyl, O-phenoxythiinyl, O-pyrrolyl, O-imidazolyl, O-pyrazolyl, O-pyridyl, O-bipyridyl, O-triazinyl, O-pyrimidinyl, O-pyrazinyl, O-pyridazinyl, O-indolizinyl, O-isoindolyl, O-indolyl, O-indazolyl, O-purinyl, O-quinolizinyl, O-quinolyl, O-isoquinolyl, O-phthalazinyl, O-naphthyridinyl, O-quinoxaliny, O-quinazolinyl, O-cinnolinyl, O-pteridinyl, O-carbazolyl, O-carbolinyl, O-benzotriazolyl, O-benzoxazolyl, O-phenanthridinyl, O-acridinyl, O-perimidinyl, O-phenanthrolinyl, O-phenazinyl, O-isothiazolyl, O-phenothiazinyl, O-isoxazolyl, O-furazanyl or O-phenoxazinyl S-thienyl, S-benzo[b]thienyl, S-dibenzo[b,d]thienyl, S-thianthrenyl, S-furyl, S-furfuryl, S-2H-pyranyl, S-benzofuranyl, S-isobenzofuranyl, S-benzimidazolyl, S-benzothiazolyl, S-dibenzofuranyl, S-phenoxythiinyl, S-pyrrolyl, S-imidazolyl, S-pyrazolyl, S-pyridyl, S-bipyridyl, S-triazinyl, S-pyrimidinyl, S-pyrazinyl, S-pyridazinyl, S-indolizinyl, S-isoindolyl, S-indolyl, S-indazolyl, S-purinyl, S-quinolizinyl, S-quinolyl, S-isoquinolyl, S-phthalazinyl, S-naphthyridinyl, S-quinoxaliny, S-quinazolinyl, S-cinnolinyl, S-pteridinyl, S-carbazolyl, S-carbolinyl, S-benzotriazolyl, S-benzoxazolyl, S-phenanthridinyl, S-acridinyl, S-perimidinyl, S-phenanthrolinyl, S-phenazinyl, S-isothiazolyl, S-phenothiazinyl, S-isoxazolyl, S-furazanyl or S-phenoxazinyl,

or



in which

Q<sub>7</sub> and Q<sub>8</sub> independently of one another are Q<sub>5</sub> or Q<sub>6</sub>, and

X<sub>4</sub> is C<sub>6</sub>-C<sub>24</sub>arylene, A<sub>5</sub>-A<sub>18</sub>heteroarylene, a polymethylidene or divalent polyether, polyimine, polyamine radical, or bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylene, bipyrrrole, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylene, and anthraquinoylfuranoylen C<sub>2</sub>-C<sub>24</sub>alkenylene, in which bi(C<sub>6</sub>-C<sub>24</sub>)arylene, bipyridylene, bipyrrrole, piperazinedionylen, quinodimethylen, imidazolonylen, isoindolinylene, and anthraquinoylfuranoylen or C<sub>2</sub>-C<sub>24</sub>alkenylene are optionally interrupted by one or more intermediate units selected from the group consisting of -CH=CH-, -CH=N-, -N=N-, -CR<sub>42</sub>R<sub>42</sub>-, -CO-, -COO-, -OCO-, -NR<sub>42</sub>CO-, -CONR<sub>42</sub>-, -O-, -S-, -SO-, -SO<sub>2</sub>- or -NR<sub>42</sub>-,

or

